

Michael P. Girard
Klarquist Sparkman LLP
121 SW Salmon Street
Suite 1600
Portland, Oregon 97204
Telephone: 503/226-7391

Our Ref. No. 612-65525
Inventor Name: Isaac J. Mosgrove et al.
For: MANAGING ACCESS TO
PHYSICAL ASSETS
Express Mail No. EV339204215US
Mailed: November 14, 2003

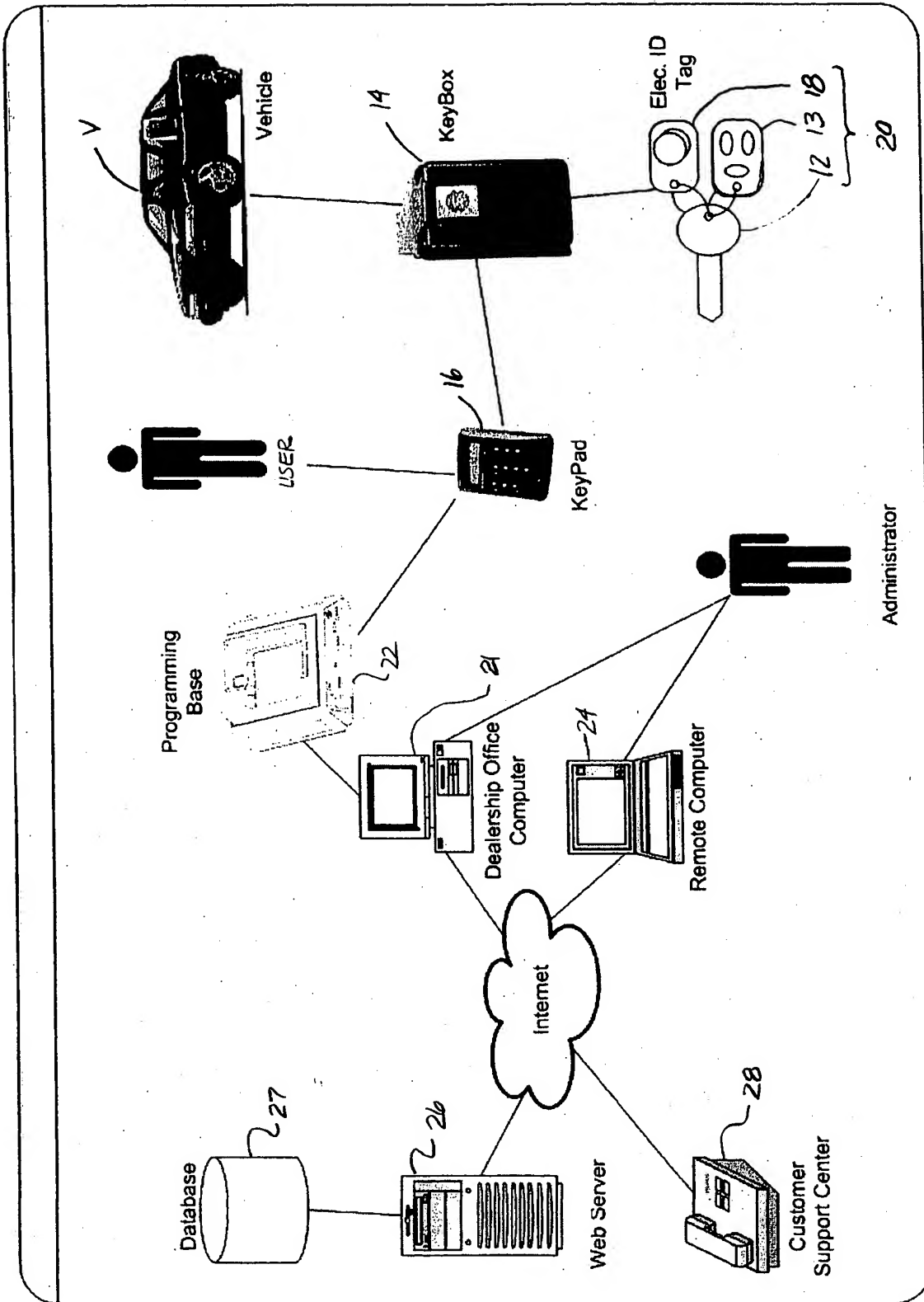


FIG. 1

Fig. 2

Typical Key Holder Behavior

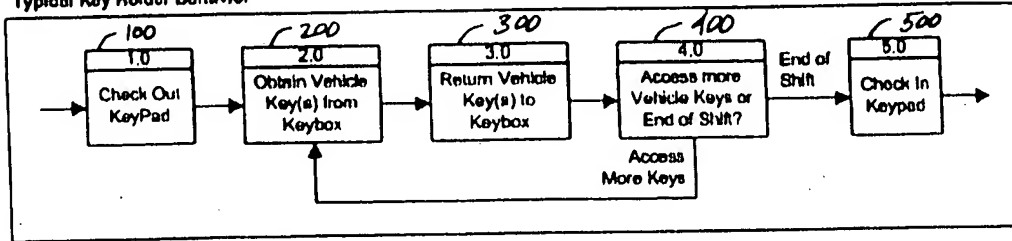
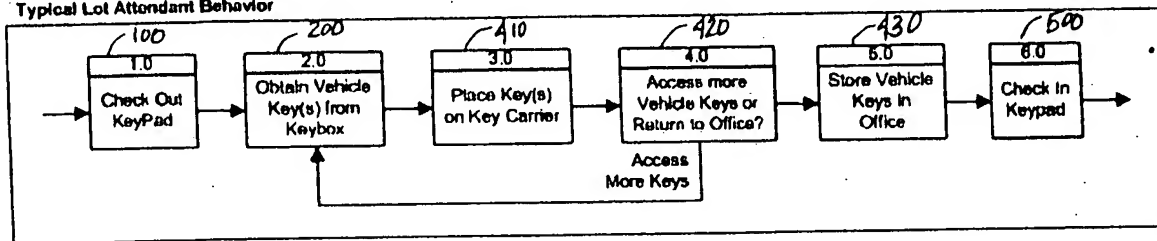


Fig. 3

Typical Lot Attendant Behavior



Obtain Vehicle Key(s) from Keybox

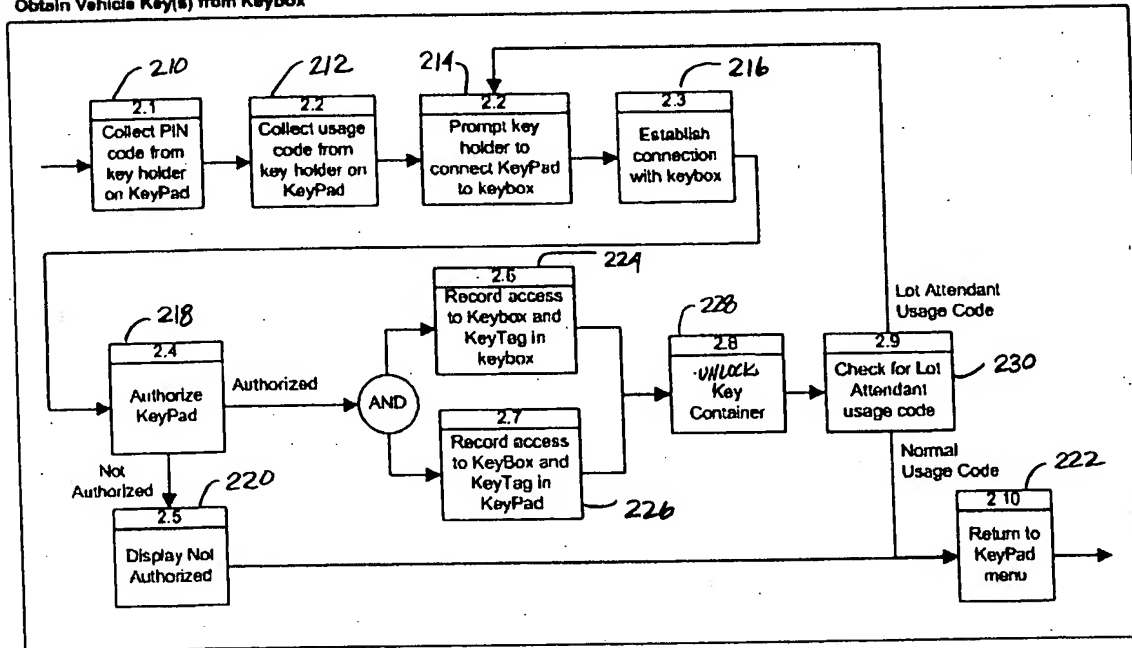


Fig. 4

FIG. 5

Key Holder Login and Menu

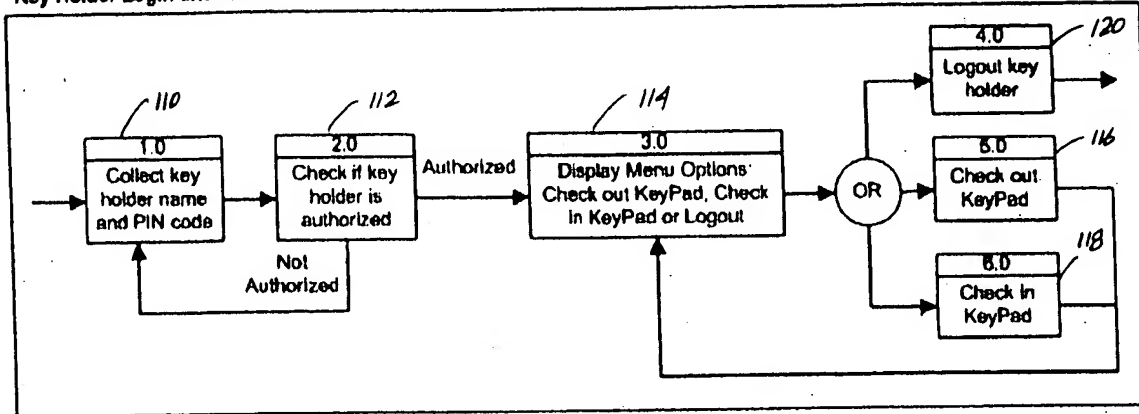


FIG. 6

Check Out KeyPad

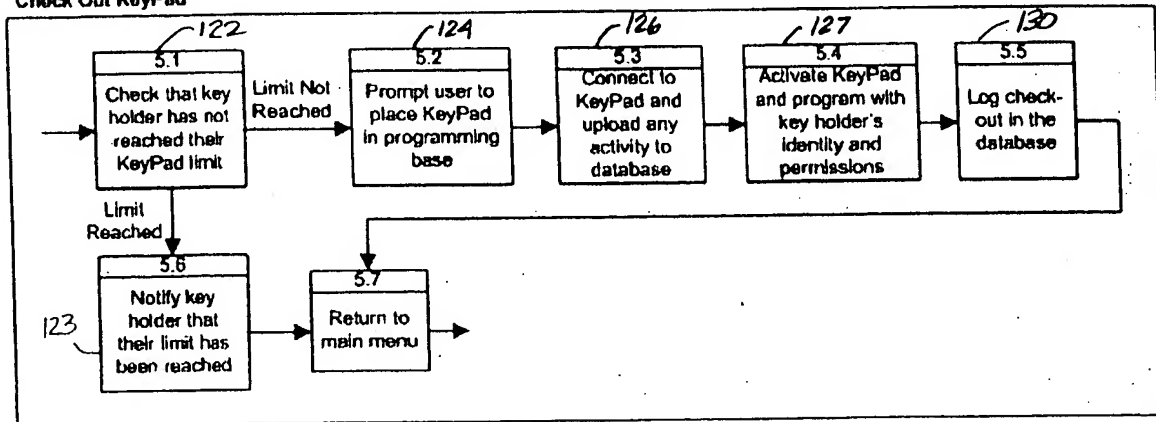


FIG. 7

Check In KeyPad

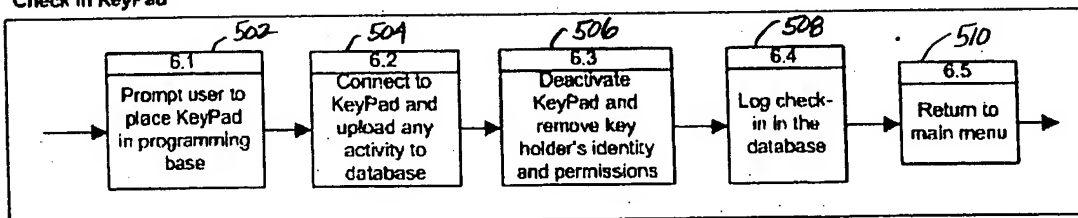


Fig. 8

Administrator Login and Menu

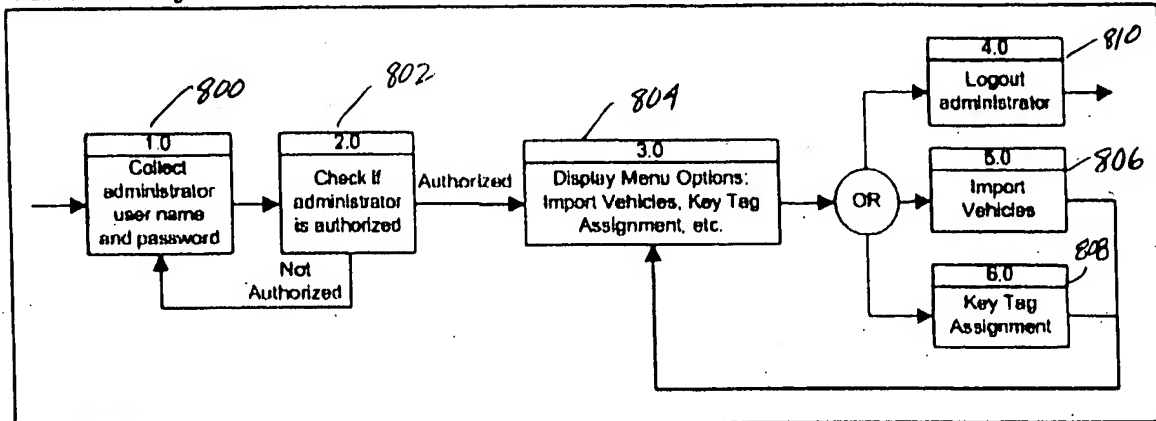


Fig. 9

Import Vehicles

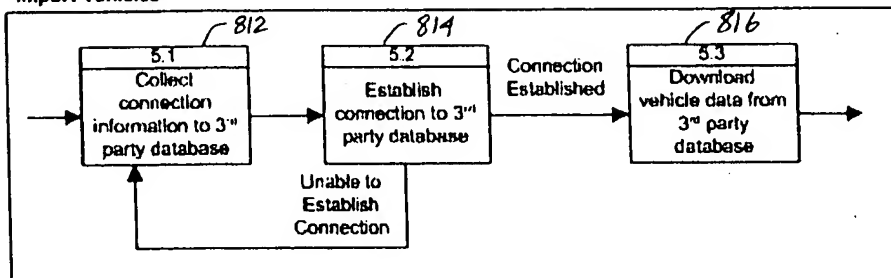
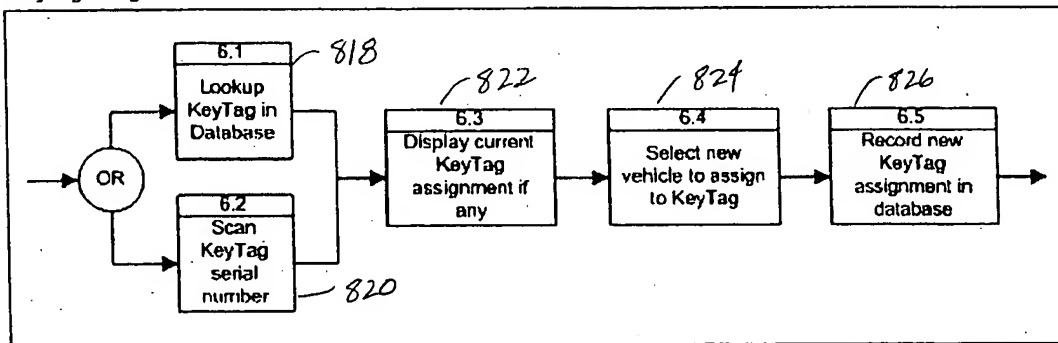


Fig. 10

KeyTag Assignment



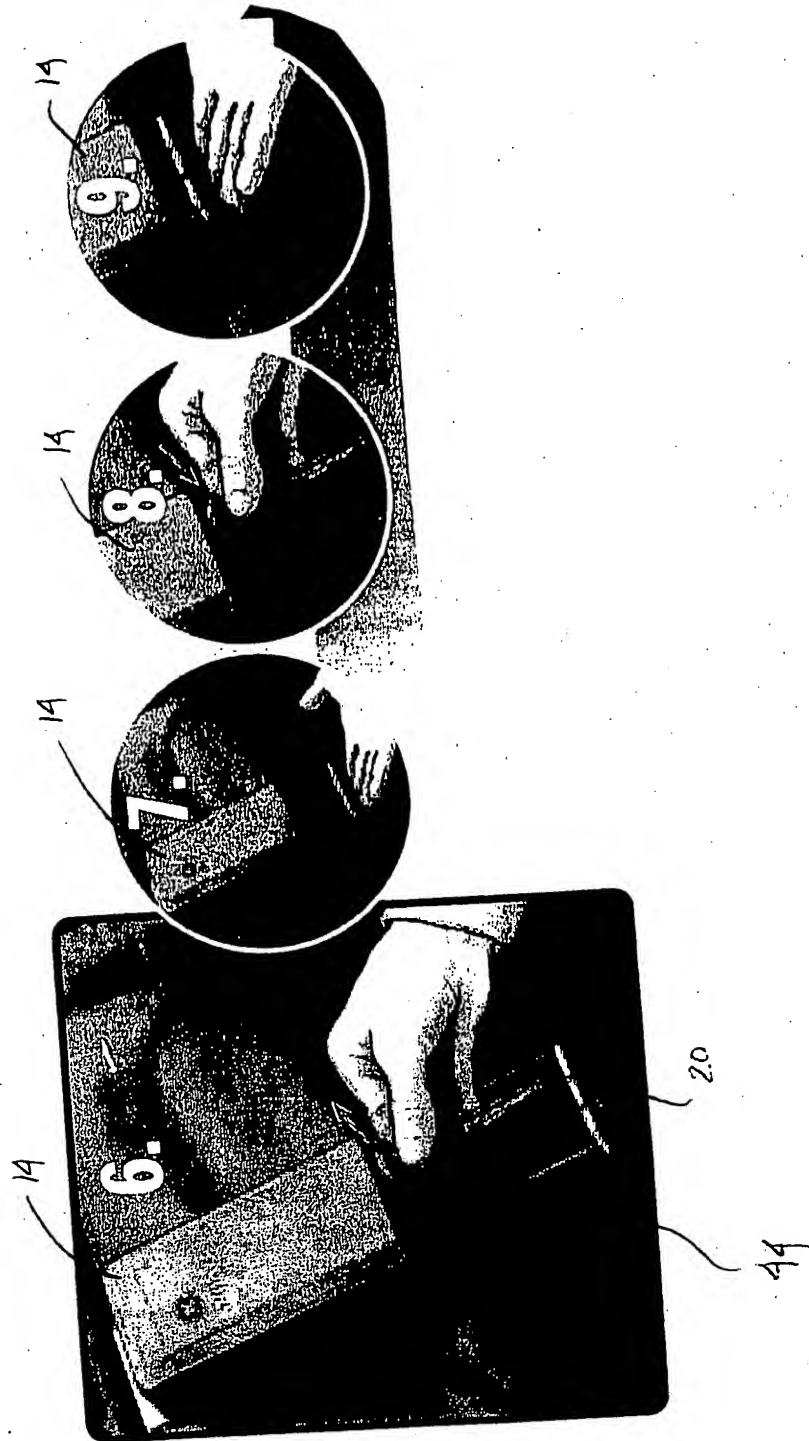
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FIG. 11B



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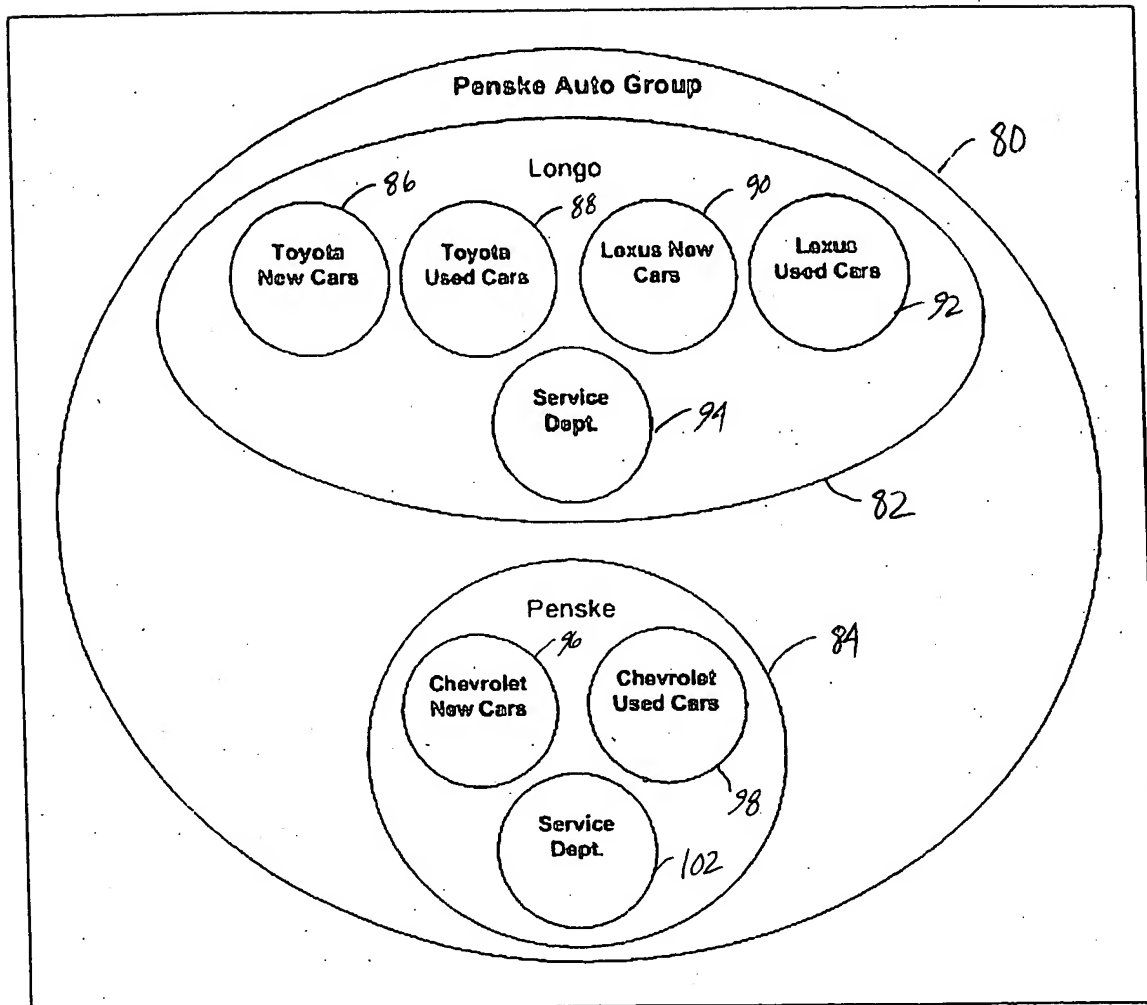


FIG. 12

Michael P. Girard
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Key Advantage User Configuration

Name: Nellie Frost
Type: Local Administrator
Location: Lot 2

Login: nellie
Password: nest

Access Availability (Check box to allow access)

System Code	Name
<input type="checkbox"/> Hide	
AAAA	<input type="checkbox"/> Lot 1 -- New
BBBB	<input checked="" type="checkbox"/> Lot 2 -- New
CCCC	<input checked="" type="checkbox"/> Lot 2 -- Service
DDDD	<input type="checkbox"/> Lot 3 -- New
EEEE	<input type="checkbox"/> Lot 3 -- Used
IIII	<input type="checkbox"/> Lot 3 -- Service

User Parameters

- ☒ Edit Record Information
- ☒ Program devices
- ☒ View Reports
- ☐ View screens only (no editing)

FIG. 13

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Key Advantage User Configuration

Name: Frank Snipes
Type: Sales Manager
Location: Lot 2

Login: frank
Password: frapes

Access Availability (Check box to allow access)

System Code	Name
<input type="checkbox"/> Hide	
BBBB	<input checked="" type="checkbox"/> Lot 2 - New
CCCC	<input type="checkbox"/> Lot 2 - Service

User Parameters

- ☐ Edit Record Information
- ☐ Program devices
- ☒ View Reports
- ☒ View screens only (no editing)

FIG. 14

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Information		Program									
Sales Person 1		Status	Active								
Access Availability (Check box to allow access)		Time	From: 8:00 To: 17:00								
<table border="1"><thead><tr><th>System Code</th><th>Name</th></tr></thead><tbody><tr><td><input type="checkbox"/> Hide</td><td></td></tr><tr><td>BBBB</td><td><input checked="" type="checkbox"/> Lot 2 -- New</td></tr><tr><td>CCCC</td><td><input type="checkbox"/> Lot 2 -- Service</td></tr></tbody></table>		System Code	Name	<input type="checkbox"/> Hide		BBBB	<input checked="" type="checkbox"/> Lot 2 -- New	CCCC	<input type="checkbox"/> Lot 2 -- Service	Renewal	Shift
System Code	Name										
<input type="checkbox"/> Hide											
BBBB	<input checked="" type="checkbox"/> Lot 2 -- New										
CCCC	<input type="checkbox"/> Lot 2 -- Service										
Group		Access Allowed per Device	<input type="checkbox"/>								
		Days	<input type="checkbox"/> Sunday <input checked="" type="checkbox"/> Monday <input checked="" type="checkbox"/> Tuesday <input checked="" type="checkbox"/> Wednesday <input checked="" type="checkbox"/> Thursday <input checked="" type="checkbox"/> Friday <input type="checkbox"/> Saturday								
		Number of Keys Allowed	<input type="text"/>								
		Keys Currently In Use	645598								
			Save								
			Generate PIN								
			PIN 1122								

FIG. 15

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FIG. 16

Information		Program									
Service Technician 1		Status:	Active								
Access Availability (Check box to allow access)		Time:	From: 6:00 To: 15:30								
<table border="1"><thead><tr><th>System Code</th><th>Name</th></tr></thead><tbody><tr><td><input type="checkbox"/> Hide</td><td></td></tr><tr><td>BBBB</td><td><input type="checkbox"/> Lot 2 -- New</td></tr><tr><td>CCCC</td><td><input checked="" type="checkbox"/> Lot 2 -- Service</td></tr></tbody></table>		System Code	Name	<input type="checkbox"/> Hide		BBBB	<input type="checkbox"/> Lot 2 -- New	CCCC	<input checked="" type="checkbox"/> Lot 2 -- Service	Renewal:	Shift
System Code	Name										
<input type="checkbox"/> Hide											
BBBB	<input type="checkbox"/> Lot 2 -- New										
CCCC	<input checked="" type="checkbox"/> Lot 2 -- Service										
Group: <input type="text"/>		Accesses Allowed per Device:	25								
		Days:	<input type="checkbox"/> Sunday <input checked="" type="checkbox"/> Monday <input checked="" type="checkbox"/> Tuesday <input checked="" type="checkbox"/> Wednesday <input checked="" type="checkbox"/> Thursday <input checked="" type="checkbox"/> Friday <input type="checkbox"/> Saturday								
		PIN:	4321								
		<input type="button" value="Generate PIN"/>									
		Number of Keys Allowed:	1								
		Keys Currently In Use 645599									
		<input type="button" value="Save"/>									

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Information		Program	
Tom Smith		Status: Active	PIN: 1234
Access Availability (Check box to allow access)		Time: From: All Hours	Generate PIN
System Code	Name	Renewal: Sunday: 24:00	Number of Keys Allowed: <input type="text"/>
<input type="checkbox"/> Hide		Accesses Allowed per Device: <input type="text"/>	Keys Currently In Use 645568 773252
AAAA	<input checked="" type="checkbox"/> Lot 1 -- New	Days: <input checked="" type="radio"/> Sunday	
BBBB	<input checked="" type="checkbox"/> Lot 2 -- New	<input checked="" type="radio"/> Monday	
CCCC	<input type="checkbox"/> Lot 2 -- Service	<input checked="" type="radio"/> Tuesday	
DDDD	<input checked="" type="checkbox"/> Lot 3 -- New	<input checked="" type="radio"/> Wednesday	
EEEE	<input checked="" type="checkbox"/> Lot 3 -- Used	<input checked="" type="radio"/> Thursday	
IIII	<input type="checkbox"/> Lot 3 -- Service	<input checked="" type="radio"/> Friday	
Group: <input type="text"/>		<input checked="" type="radio"/> Saturday	

FIG. 17

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FIG. 18

Information		Program	
Jim Jones - Lot 3		Status	Active
Access Availability (Check box to allow access)		PIN	6789
		Time	From: 8:00 To: 19:30
		Generate PIN	
System Code	Name	Renewal	Shift
<input type="checkbox"/> Hide			
AAAA	<input checked="" type="checkbox"/> Lot 1 - New		
BBBB	<input checked="" type="checkbox"/> Lot 2 - New		
CCCC	<input type="checkbox"/> Lot 2 - Service		
DDDD	<input checked="" type="checkbox"/> Lot 3 - New		
EEEE	<input type="checkbox"/> Lot 3 - Used		
IIII	<input type="checkbox"/> Lot 3 - Service		
		Accesss Allowed per Device	<input type="checkbox"/>
		Days	<input type="checkbox"/> Sunday <input checked="" type="checkbox"/> Monday <input checked="" type="checkbox"/> Tuesday <input checked="" type="checkbox"/> Wednesday <input checked="" type="checkbox"/> Thursday <input checked="" type="checkbox"/> Friday <input type="checkbox"/> Saturday
Group		Number of Keys Allowed <input type="checkbox"/>	
		Keys Currently In Use 773392	
		Save	

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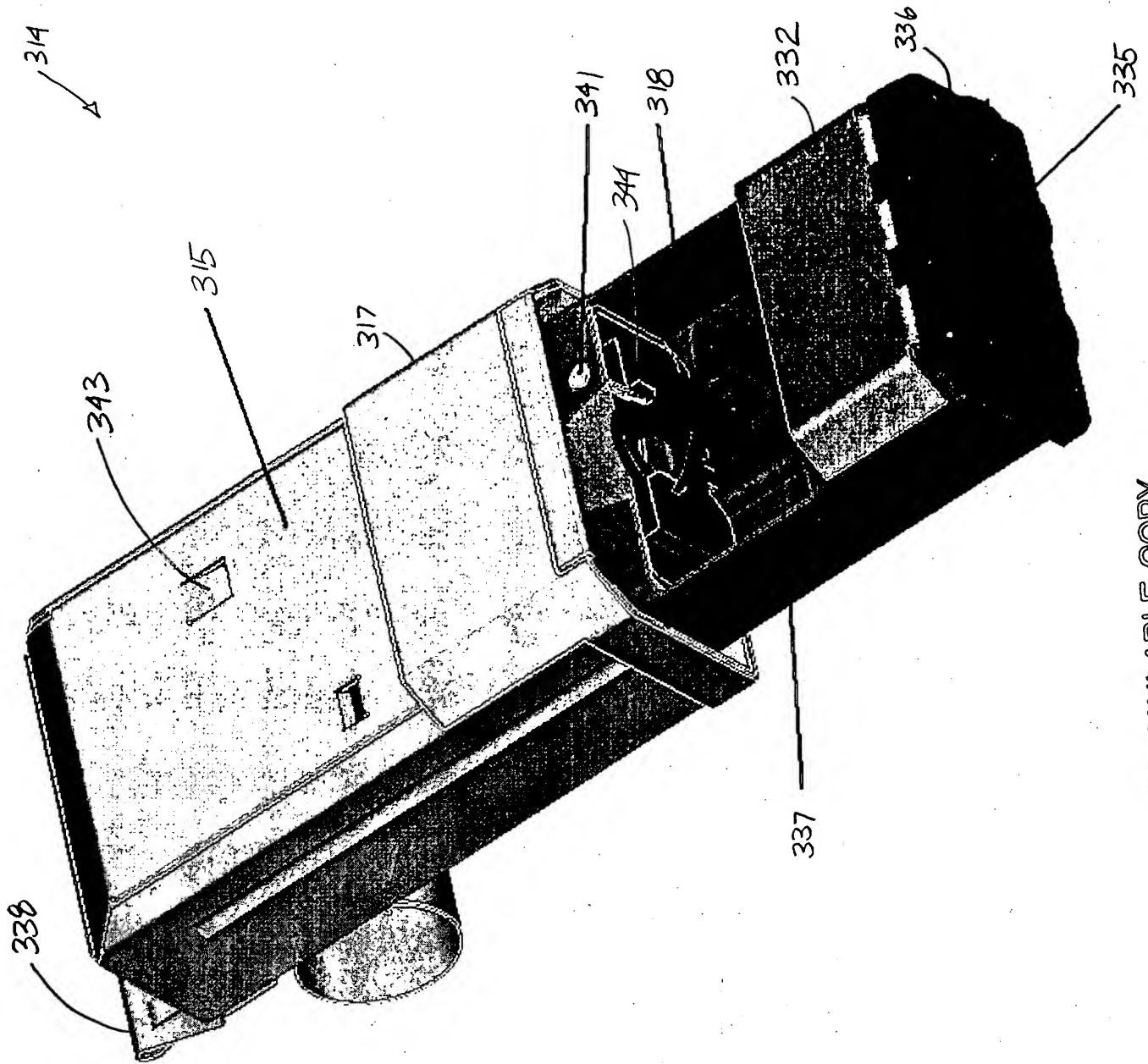


FIG. 19

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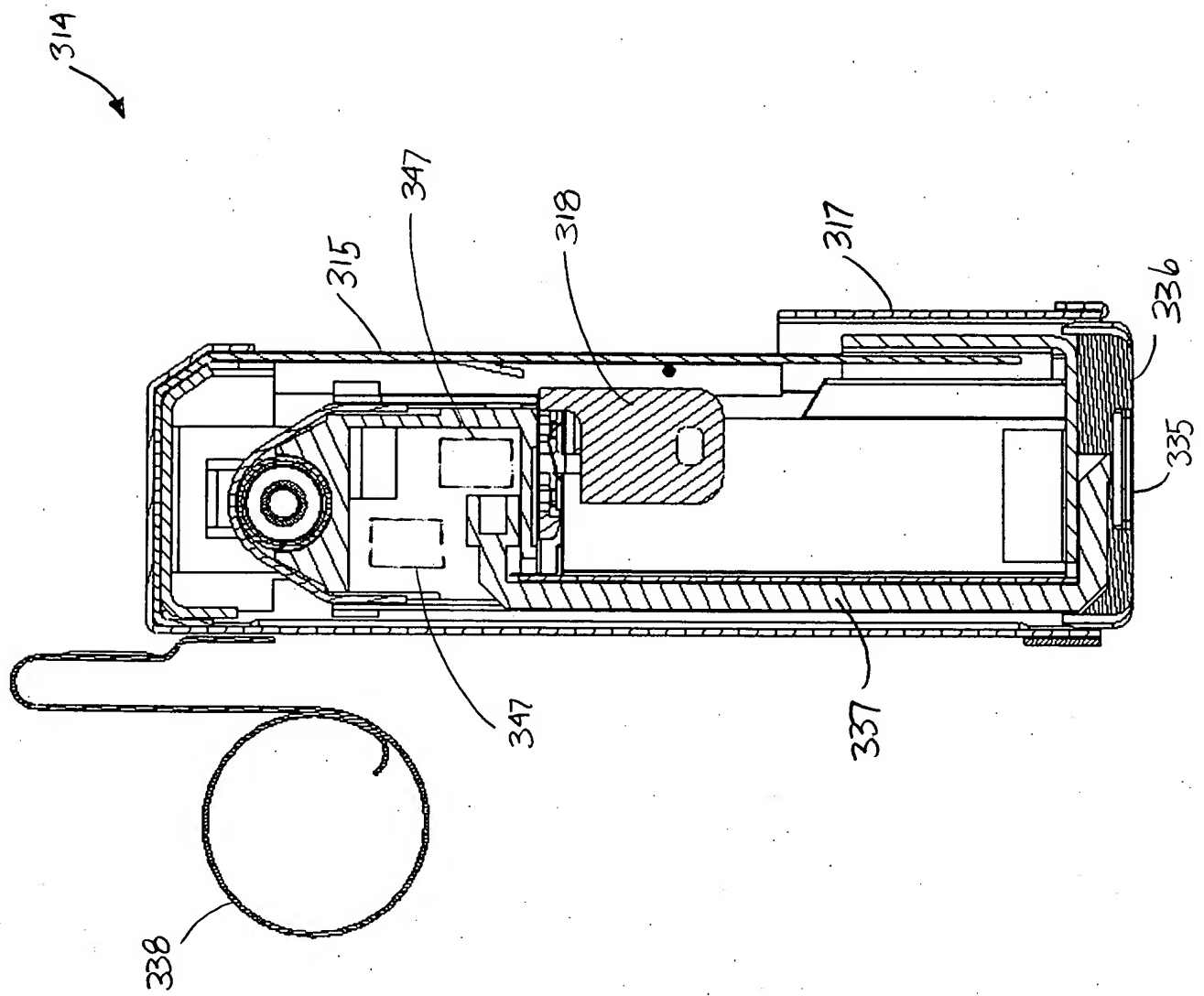
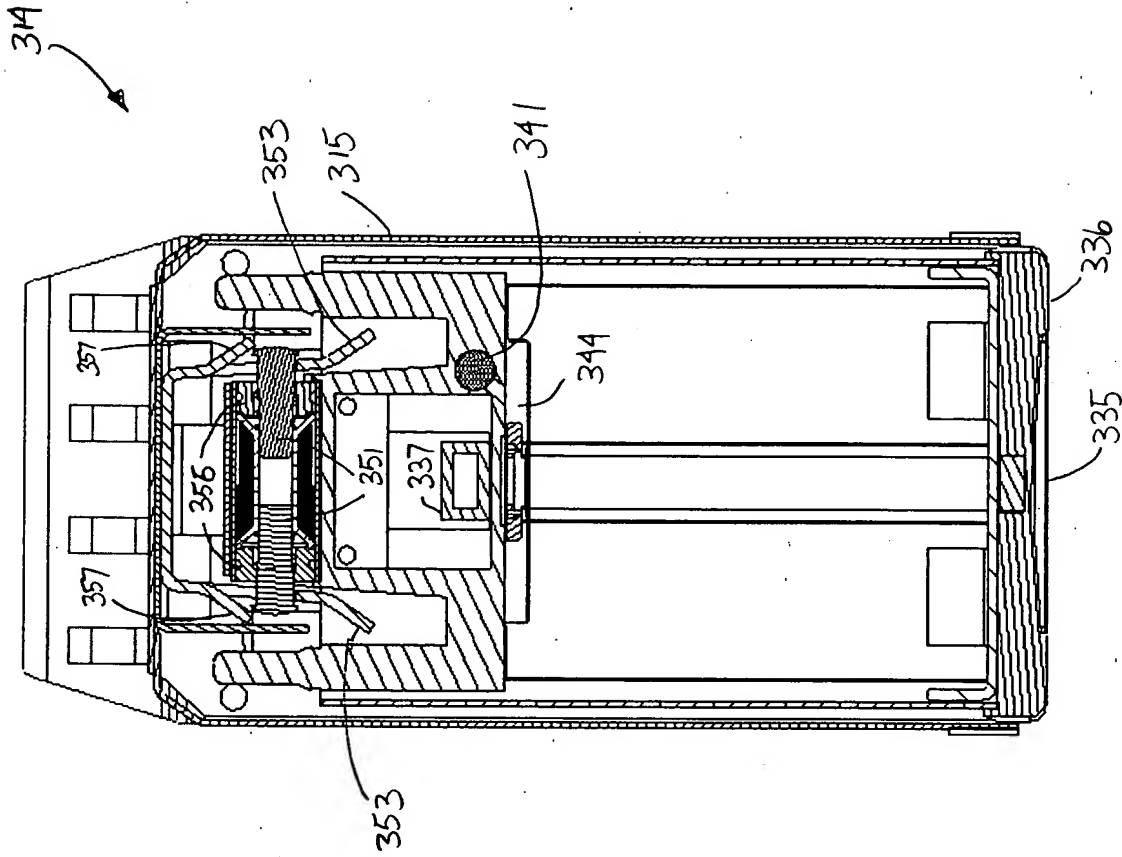


FIG. 20

Michael P. Girard
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FIG. 21



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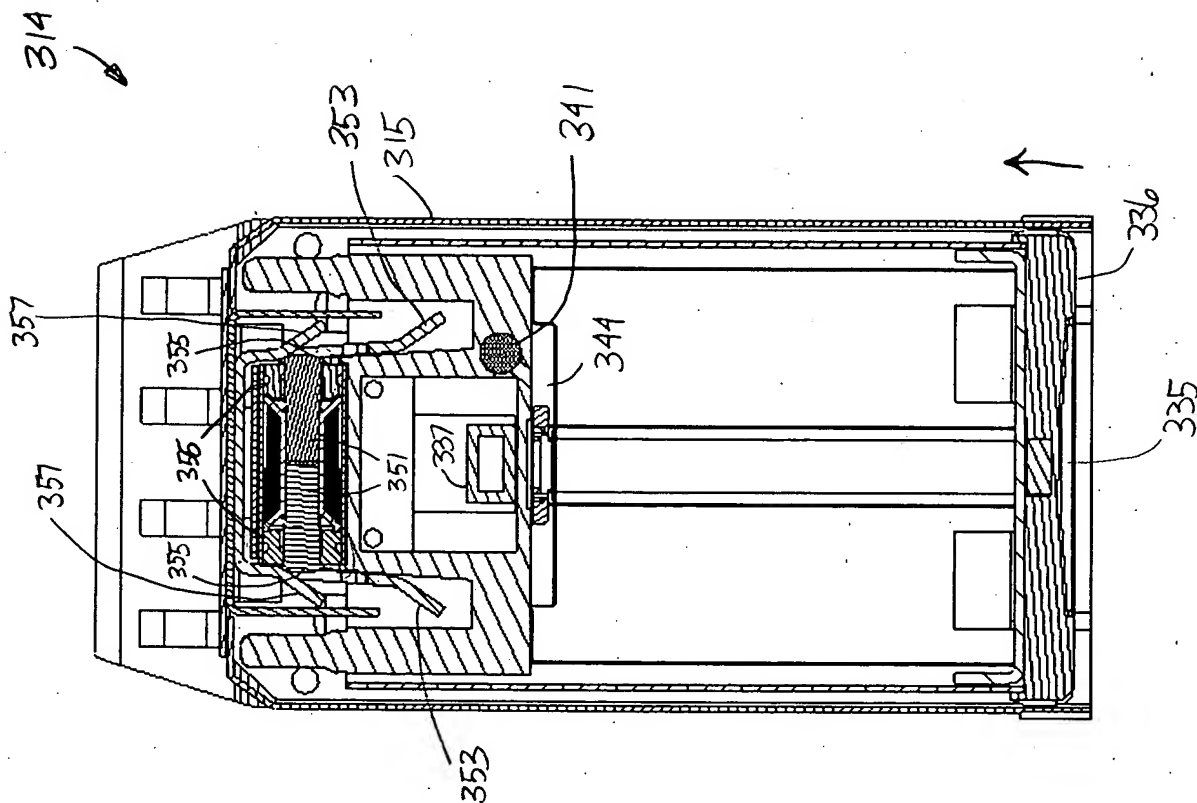
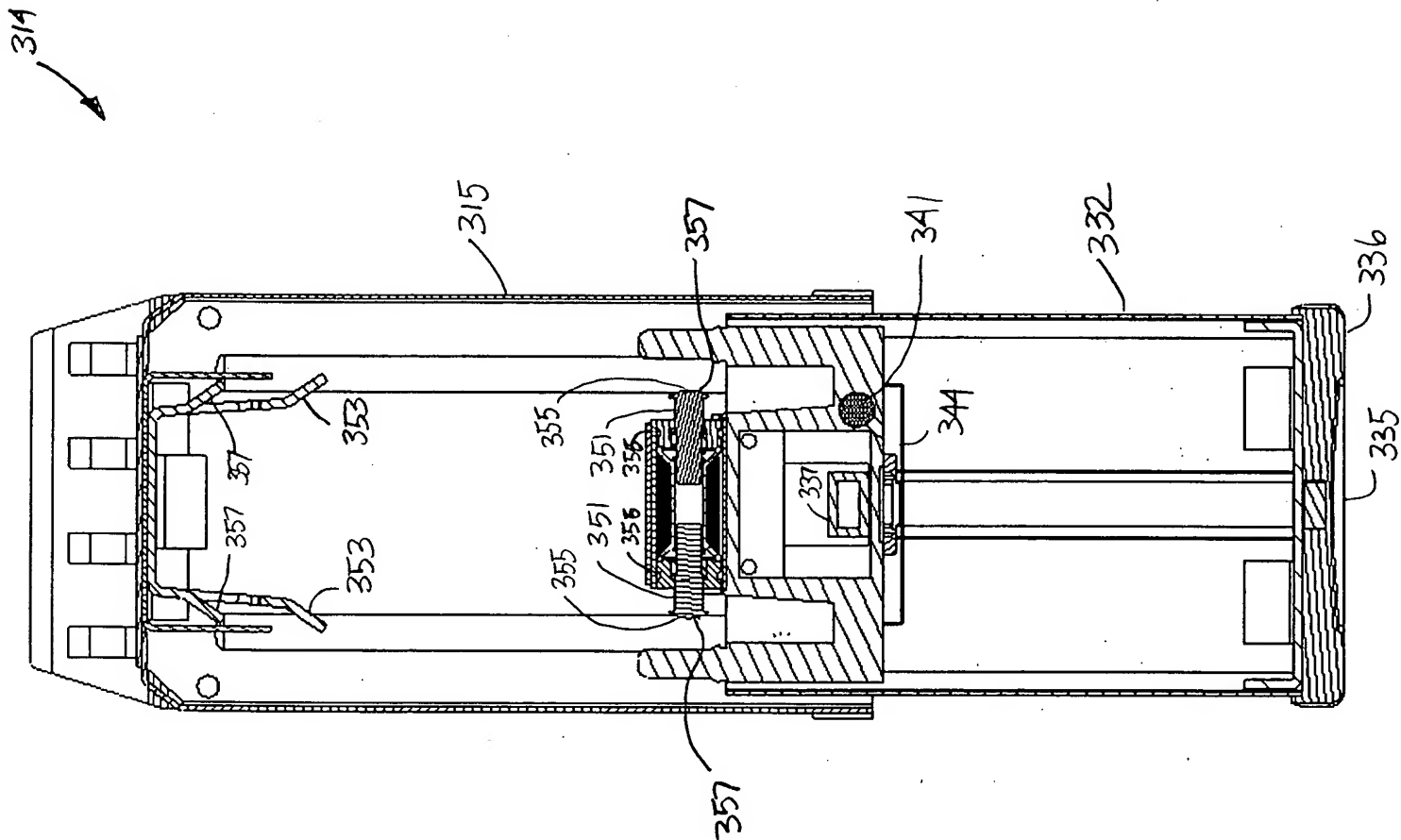


Fig. 22

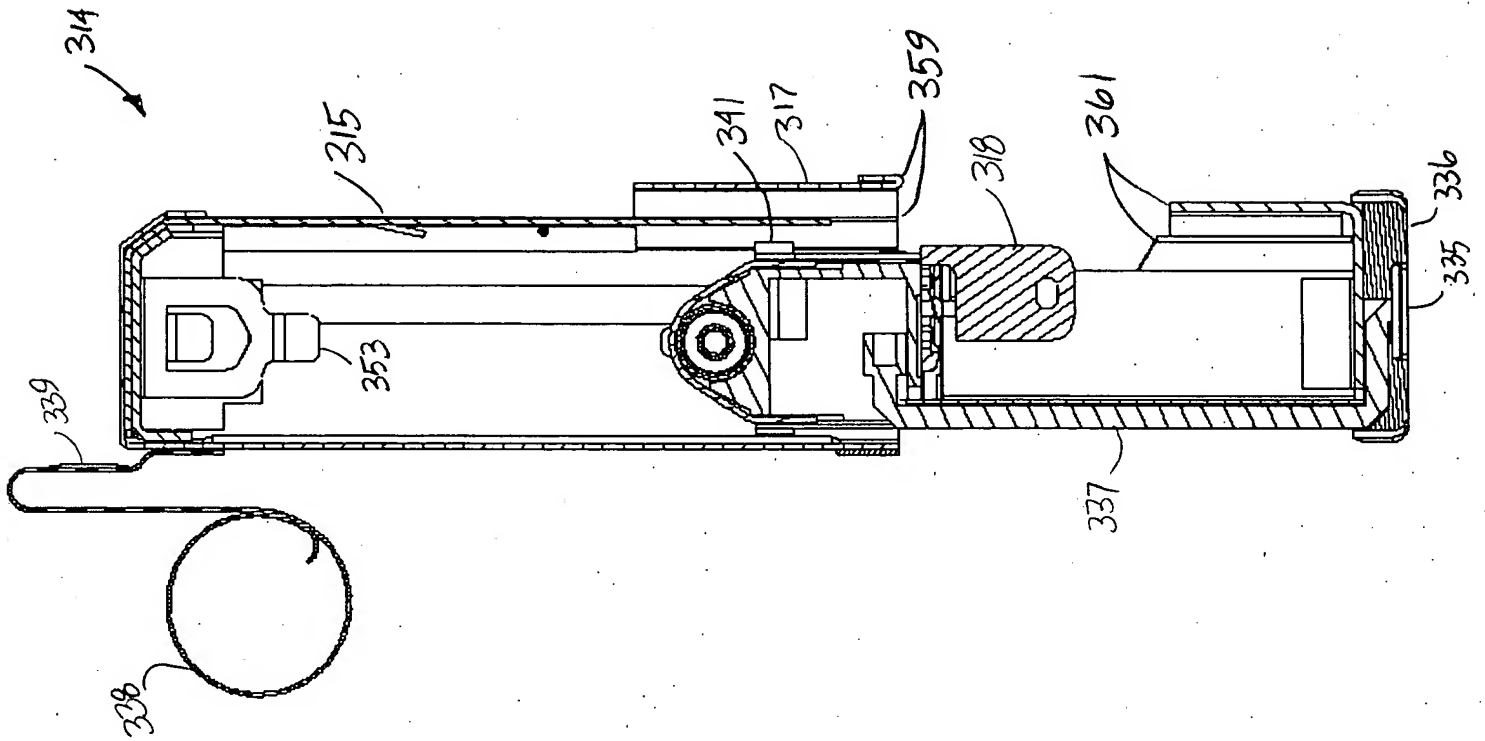
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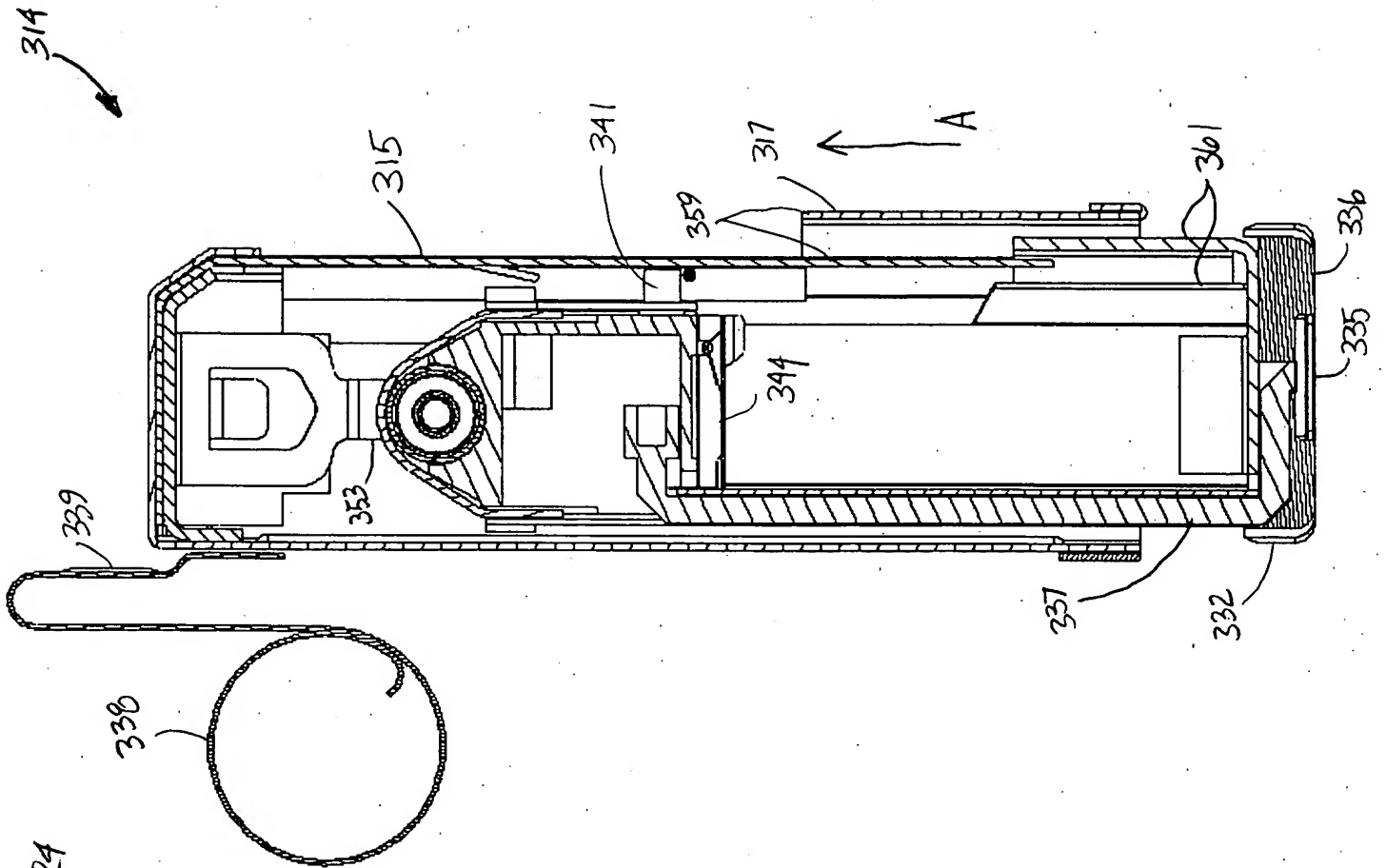
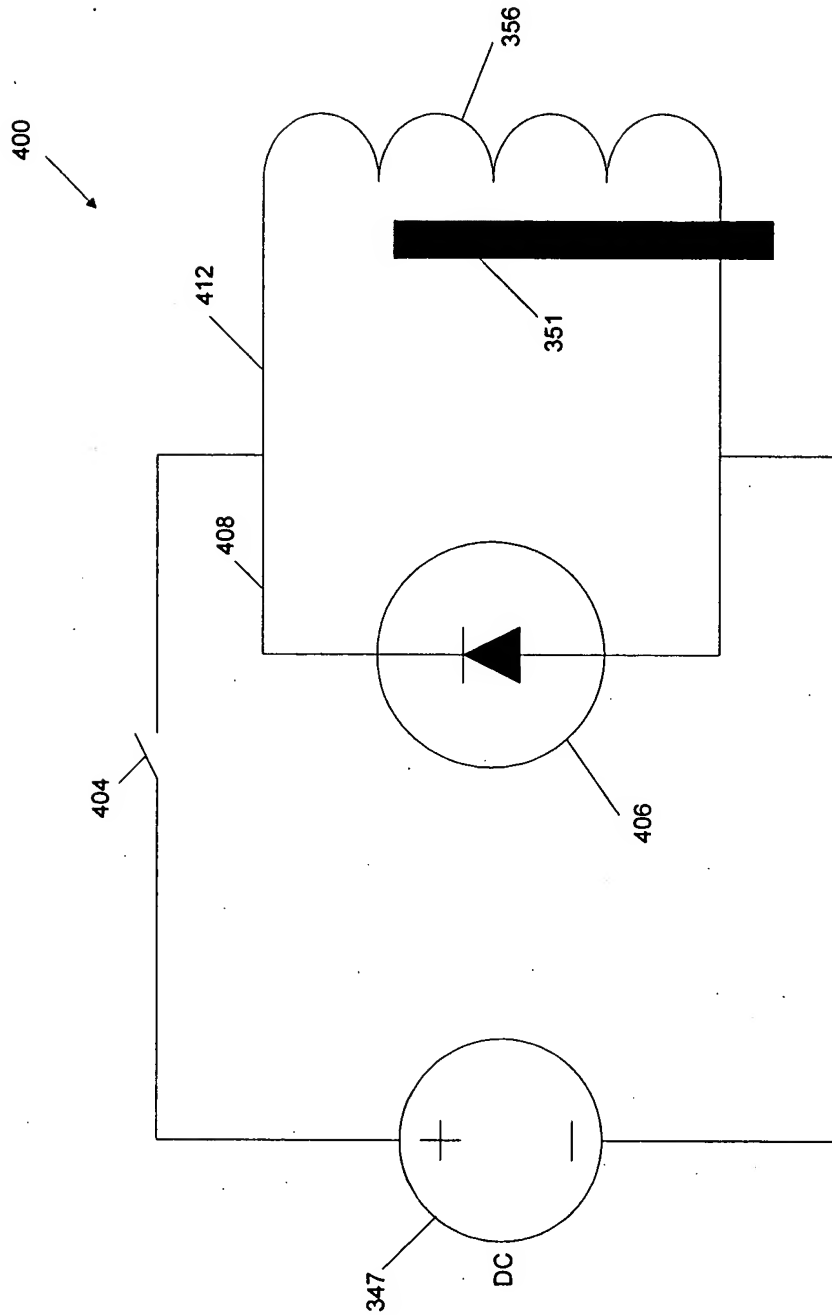


Fig. 24

Michael P. Girard
Klarquist Sparkman LLP
121 SW Salmon Street
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Portland, Oregon 97204
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FIG. 25



10'

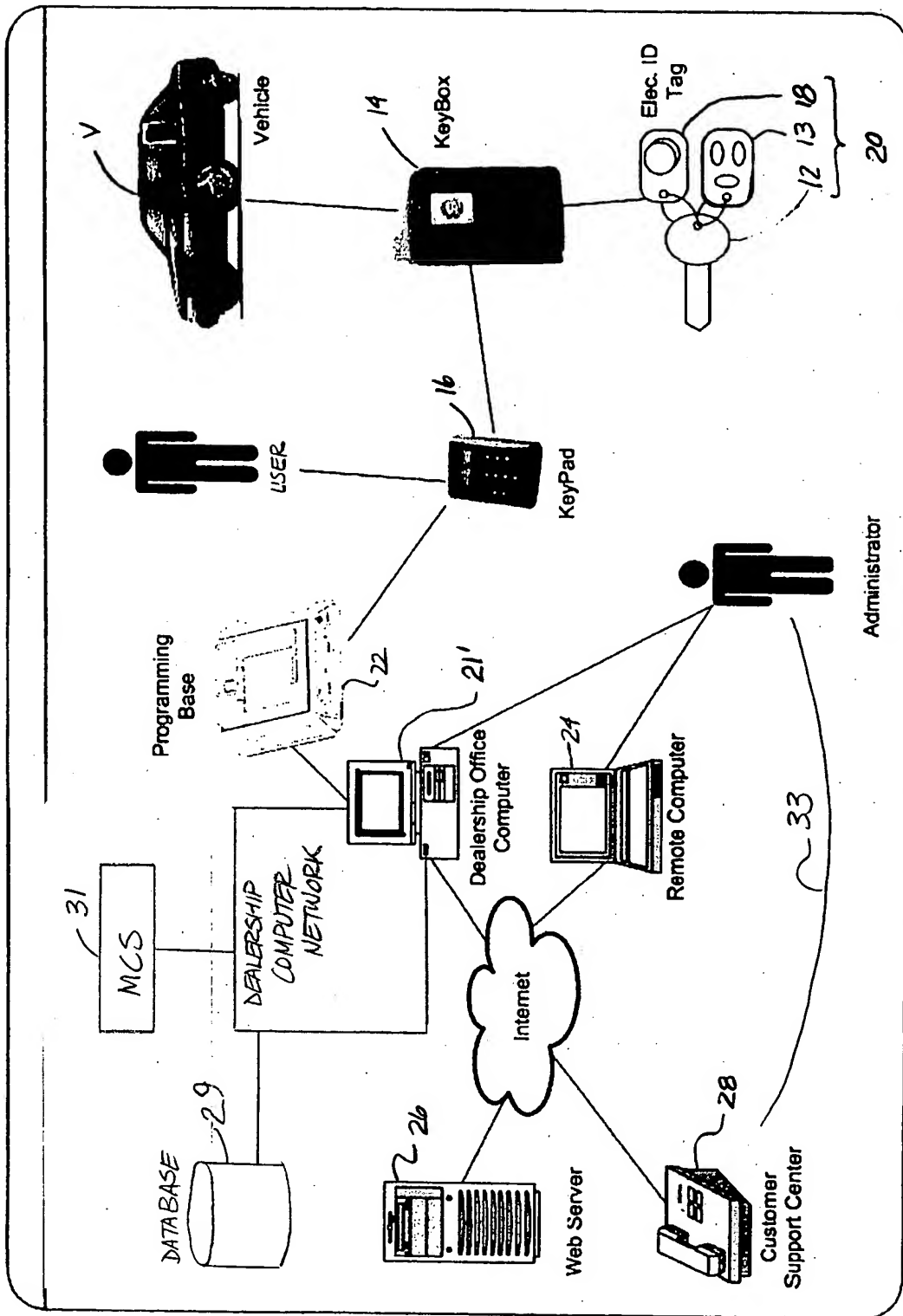


FIG. 2b

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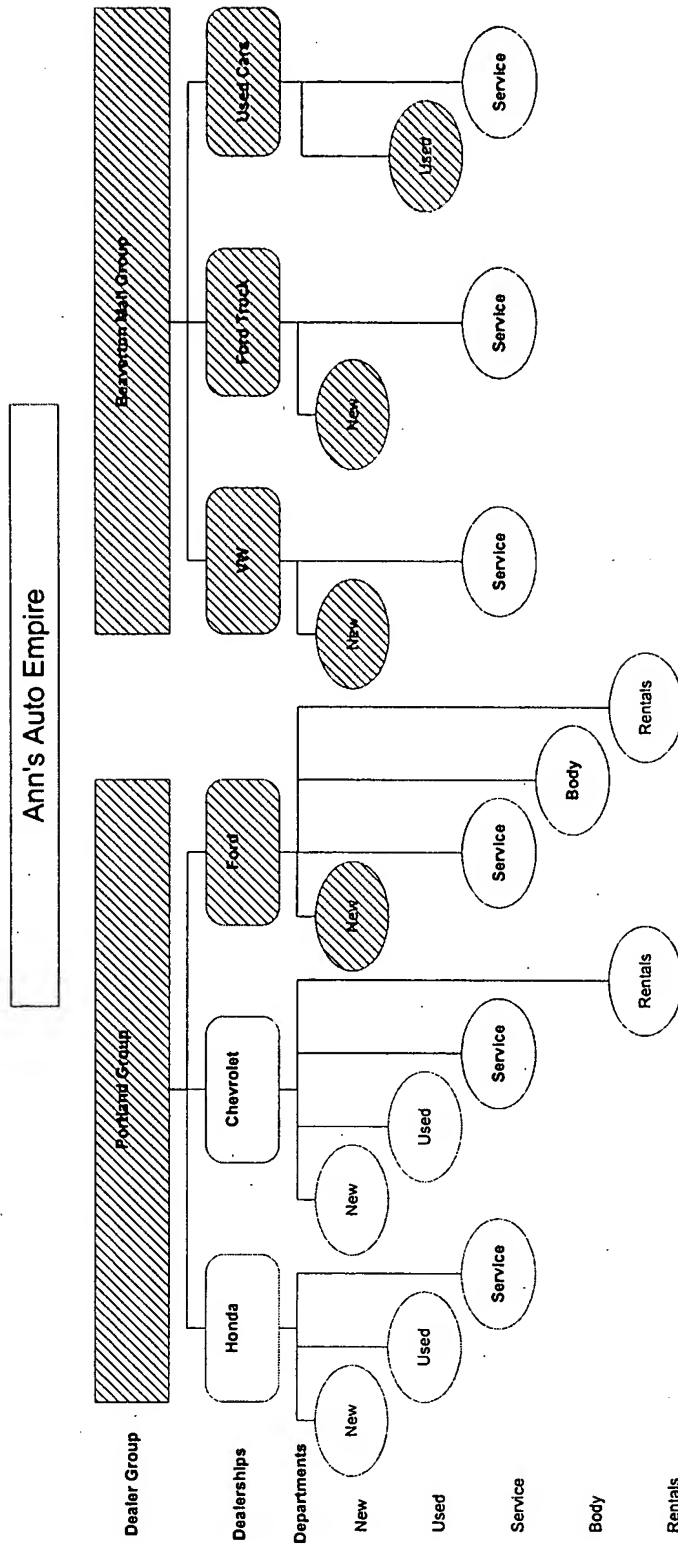


FIG. 27